

20000426.ba v02_n878.bam.20000426

>From ???@??? Wed Apr 26 09:42:37 2000 -0500
Message-Id: <200004261440.e3QEed002442@sco.theporch.com>
Date: Wed, 26 Apr 2000 09:40:08 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2878

BOATANCHORS Digest 2878

Topics covered in this issue include:

- 1) Re: MIC SELECTION
by Bob Roehrig <broehrig@admin.aurora.edu>
- 2) ADMINISTRIVIA: A Few Does and Donts
by listown@jackatak.theporch.com (Mail List Owner)
- 3) Need Manual for ZM-11B/U Cap Tester
by "Denis Sharon W1AOK" <W1AOK@worldnet.att.net>
- 4) FOR SALE: RCA SINE/SQUARE AF GENERATOR, PRICE REDUCED!
by JOHN.SEHRING@ecunet.org
- 5) 813s GG Class C
by "Joseph J. Curry" <jjcurry_trilix@compuserve.com>
- 6) Military Radio Mounts for Shipping.
by David Stinson <arc5@ix.netcom.com>
- 7) BC191/357 ?
by BEN NOCK <G4BXD@compuserve.com>
- 8) Packard Bell FS
by BEN NOCK <G4BXD@compuserve.com>
- 9) Looking for HRO coils and doghouse
by n6nae@ix.netcom.com
- 10) Re: 6 meter Homebrew TX sighted
by thompson@mindspring.com
- 11) RE: What every boatanchor needs
by "Richard W. Solomon" <w1kszt@tiac.net>
- 12) Re: MIC SELECTION
by "DavidC" <eDoc@netzero.net>
- 13) HP 130B O'SCOPE PAPERWORK REQUEST
by JOHN.SEHRING@ecunet.org
- 14) Re: MIC SELECTION
by Bob Roehrig <broehrig@admin.aurora.edu>
- 15) After OS loss, need PAINT suppliers
by "Ed Tanton" <n4xy@att.net>
- 16) Receiver film scale
by "j.foster" <j.foster@microbio.usyd.edu.au>
- 17) RE: What was PE-214 used for?
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 18) SX28

- by Morris Odell <morriso@vifp.monash.edu.au>
19) Re: SX28
by "Jim Carrington" <jcall@sirius.com>
20) Timewarp tube list
by Michael N HoN Hopkins <mnhopkins@juno.com>
21) Air duct cleaning
by "Herbert M. Rosenthal" <herbrose@lobo.net>
22) Re: Timewarp tube list
by JACK IVERSON <jackiv@juno.com>
23) WTB: Heath Commanche Manual
by "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>

Date: Tue, 25 Apr 2000 11:08:37 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: MIC SELECTION
Message-ID: <Pine.OSF.3.96.1000425110605.29708A-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 25 Apr 2000 JOHN.SEHRING@ecunet.org wrote:

> To: boatanchors@theporch.com
>
> My preference for ham mics is to use capacitor elements.

Electret mic elements are widely available and cheap. They usually have a higher output level than other types too and a lower output impedance. The down side to me is that many (even the expensive hi-fi types) have a tendency to pop on P's. Sometimes a blast filter helps that.

"Nostalgia is a thing of the past"
E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222
PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY

Message-Id: <200004251615.e3PGF3Q00406@jackatak.theporch.com>
From: listown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: A Few Does and Donts
Date: Tue, 25 Apr 2000 11:15:01 CDT

Gang-

Here are the real basics of how to keep me happy, the list noise-free, and everyone able to enjoy BoatAnchors... Simple, easy, workable...

Do not send spam e-mail messages to the list.

Do not send attachments (attached files) of *ANY* sort to the list. This includes URL shortcuts, v-cards, GEDCOM files, zipped files, and *ANY* other type of attachment.

Do not EVER forward virus warnings (which are 99%hoaxes) or send chain letters to the list.

Do not use HTML or RTF (rich text format) in messages sent to the list.

DO keep e-mail messages to the list on topic and appropriate.

Do not post commercial messages.

Please refrain from posting "Ebay" type auction notices. Refrain from "seen on EBAY" posts...

DO be polite.

Do not flame other members of the list.

DO be considerate of the list members and list resources.

DO have fun!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Tue Apr 25 11:15:00 CDT 2000

Message-ID: <03bb01bfaed3\$770f7f20\$29d24f0c@main>
From: "Denis Sharon W1AOK" <W1AOK@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need Manual for ZM-11B/U Cap Tester
Date: Tue, 25 Apr 2000 12:29:42 -0400
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I am thrilled to have found a very clean ZM-11B/U capacitor tester. It is a GREAT cap tester - very much nicer than the Sprague T0-n series.

And now the real reason for this message... I need a manual for it. I'd be willing to trade my neighbor's dog for a NAVSHIPS (Navy) version but any help would be appreciated.

Thanks,

Denis Sharon W1AOK
Ridgefield, CT

Date: Tue, 25 Apr 2000 13:00:09 -0400 (EDT)
Message-Id: <200004251700.NAA32749@ecunet.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FOR SALE: RCA SINE/SQUARE AF GENERATOR, PRICE REDUCED!
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

Ok, once again at a reduced price!

FOR SALE: RCA WA-44C Sine and Square Wave Audio Generator

Covers 20 Hz to 200 kHz in 4 ranges. Max output is 8 V rms, has 4 step attenuator (X10, X1, X0.1, X.01) plus variable control. Has 0-6.3 VAC variable output. Uses 6AQ5, 2x 6U8A, 6X4. Measures 7"H x 11"W x 6"D in silver plus blue hammartone case. Includes original manual.

Frequency dial & control look like small version of HP 200 series of AF generators. Ct uses classic bridged-T oscillator with lamp for stabilization & has cathode-follower output.

Good-excellent appearance. Works ok except will need 2x 6U8's, ones in unit are flakey. \$25 or best offer, plus postage.

-John Sehring (Tue, Apr 25, 2000, Custer SD) UCC WB0EQ

Date: Tue, 25 Apr 2000 13:13:13 -0400
From: "Joseph J. Curry" <jjcurry_trilix@compuserve.com>
Subject: 813s GG Class C
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200004251313_MC2-A28F-593E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Brian:

I read your posting re putting the B&W amp on as a plate modulated Class =
C
amp.

As an old fan of 813s, I think there are some definite possibilities here=
with a few cautions and modifications:

First of all, you cannot run an amplifier in the grounded grid mode,
irrespective of class and obtain 100% modulation unless you modulate the
exciting signal. Since in a GG amplifier, some of the input appears in th=
e
output, unless the input is similarly modulated, you won't get 100%. You
can look at a GG amplifier as an exciter and an amplifier in series. To
that end, I wouldn't go with a cathode driven amp. However, with Class C,=
you may get enough gain and efficiency, that the "residual" input signal =
in
the output is relatively small (5-10%). Under these ciurcumstances, you m=
ay
get 90%+ modulation, but unfortunately 100% will not be attainable.

Secondly, you can drive the amp from a passive grid circuit (a
non-inductive resistor), you just need to get enough grid voltage swing.
See my article in ER (January 1997)

Third, I see no reason why you cannot run the 813s as triode connected
tetrodes with about -120-140 volts on the grid.

Finally, for plate modulated service, the maximum rated plate voltage is
2000 volts and the plate current should not exceed 200 ma. per tube. Sinc=
e
you have an separate power supply this should not be a problem. My only
concern would be whether the plate tuning capacitor can handle the 4000

volt peaks required for 100% plate modulation under 2000 volts. This is not a problem with linear service since the peak rf voltage cannot exceed the plate supply voltage.

The B&W amp is good amp, but suffered from a weak power supply particularly for AM linear operation. With the 813s you have 250 watts (total) of plate dissipation available. Since AM linear operation is only 33%+ efficient, that means that you can only run 375 watts input and get 125 watts output in the linear mode. Unless you really want to cook the 813s, for linear service you are stuck with 125 watts out...not bad, but probably not what you intended.

I would look at the plate tuning first and if it is large enough, I would go with a passive grid driven Class C amp with the screen voltage derived through a resistor from the modulated plate voltage. Using the tube handbook screen voltage and current values to set the resistor. I would use a fixed cutoff bias to prevent tube damage due to loss of excitation. You may want to clamp the screen to prevent the screen from coming up to the plate voltage when excitation is lost. Or, if you have the power supplies, supply the screen voltage separately through a 10 hy choke.

This could be a nice amp. I like the sound of the TZ-40s.. a true classic modulator.

Good Luck and 73,

Joe
K3IC0
AMI #721

Message-ID: <3905D6FB.B13CAE7F@ix.netcom.com>
Date: Tue, 25 Apr 2000 12:33:47 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Military Radio Mounts for Shipping.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you have one of those control heads for a WW-II radio
compass and need the FT-224-A mount for it, please write me.
I will send you one for the cost of shipping (\$4).

73 Dave AB5S

Date: Tue, 25 Apr 2000 14:38:39 -0400
From: BEN NOCK <G4BXD@compuserve.com>
Subject: BC191/357 ?
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200004251439_MC2-A284-8C59@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

I'd like to try and obtain a BC-191 or a BC-357 transmitter.
If anyone has such for sale or trade please get in touch. =

cheers, Ben G4BXD

www.qsl.net/g4bxd

Date: Tue, 25 Apr 2000 14:38:40 -0400
From: BEN NOCK <G4BXD@compuserve.com>
Subject: Packard Bell FS
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200004251439_MC2-A284-8C5A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Packard Bell Type K Pre-Amp For Sale

mic pre amp, ideal in front of most mil sets, 24/28v
with valves, less relay.

10.00 Pound.

From: n6nae@ix.netcom.com
Date: Tue, 25 Apr 2000 14:54:37 -0400
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Looking for HRO coils and doghouse
Message-ID: <Springmail.105.956688877.0.32101600@www.springmail.com>

Hi:

A friend is looking for coils to add to his HRO setup. He'd like
G (180-430 Kcs) H (100-200 Kcs) and JD (1.7 - 4.0 Mcs).

He's also looking for doghouse supply #697 which uses the 80
rectifier. He has a later supply with a 5Y3 which he'd probably
trade to get the correct one.

Any luck?

Richard

From: thompson@mindspring.com
Message-ID: <000701bfaef9\$8cf947a0\$f63756d1@default>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 6 meter Homebrew TX sighted
Date: Tue, 25 Apr 2000 17:02:16 -0400

Thanks for the info I found the QST for Dec 1962 and the 6 meter TX is p 57.

The Osc/tripler is the famous 5763, the doubler is the 6360 and the 3E29 is
the final amp.

The version in QST is almost exactly like the one the Louisiana gentleman
has except for the
junk box substitutions... his has a much nicer meter (a real
triplett..remember those).

I sent the article to him and he will have spare time evenings to get it
going. He has the HQ110A-VHF
and a 3 el homebrew 6 meter beam. He borrowed my VR sideband splitter
(circa 1955 per QST) as he is 99% CW
(old army sparks never change even if DOD dropped CW) but will be on AM too.
He may try some 6 meter DSB, too.

73 Dave K4JRB

Message-ID: <01BFAEDF.D0717620.w1ksz@tiac.net>

From: "Richard W. Solomon" <w1kszt@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "'Boatacnchors'" <boatanchors@theporch.com>
Subject: RE: What every boatanchor needs
Date: Tue, 25 Apr 2000 17:50:07 -0400

Proves the old maxim ... "theres one born every minute "...
Worth the trip just for the laugh.
Now what can I come up with ?
73, Dick, W1KSZ

-----Original Message-----

From: Sifakis George [SMTP:sifakis@intrasoftnet.com]
Sent: Friday, April 21, 2000 10:05 AM
To: Old Tube Radios
Subject: What every boatanchor needs

is of course a power cord. Here is a good source and don't forget to check
the "pricing" before you order :-)

<http://www.essentialsound.com/>

Have a good Easter, everyone
George Sifakis

Message-ID: <036701bfaf07\$eeff3dc0\$353843d8@oemcomputer>
From: "DavidC" <eDoc@netzero.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: MIC SELECTION
Date: Tue, 25 Apr 2000 18:45:17 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> > My preference for ham mics is to use capacitor elements.
>
> Electret mic elements are widely available and cheap. They usually have
> a higher output level than other types too and a lower output impedance.
> The down side to me is that many (even the expensive hi-fi types) have
> a tendency to pop on P's. Sometimes a blast filter helps that.

Which element types are more "p" pop-resistant? Don't the "blast" filters
(I presume those are the black webbed covers) cause a little muffling of
the sound?

- Thanks! & 73, DavidC K1YP in Hudson, FL

One week until the Florida QSO Party!

....check out the FQP details at <http://www.qsl.net/fqp/>

FREE INTERNET with No Ads and No Nagging!

Click on WorldSpy at: <http://www.qsl.net/k1yp/FreeStuff.html>

NetZero - Defenders of the Free World
Click here for FREE Internet Access and Email
<http://www.netzero.net/download/index.html>

Date: Tue, 25 Apr 2000 19:55:09 -0400 (EDT)
Message-Id: <200004252355.TAA14588@ecunet.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HP 130B O'SCOPE PAPERWORK REQUEST
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

Will the person who had offered me paperwork for an HP HO 130B o'scope pse
email me directly again? (my email to u bounced.) tnx

-John Sehring (Tue, Apr 25, 2000, Custer SD) UCC WB0EQ

Date: Tue, 25 Apr 2000 19:39:42 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: MIC SELECTION
Message-ID: <Pine.OSF.3.96.1000425193623.17366B-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 25 Apr 2000, DavidC wrote:

> Which element types are more "p" pop-resistant? Don't the "blast" filters
> (I presume those are the black webbed covers) cause a little muffling of
> the sound?

Well, I think the dynamic and crystal/ceramic elements have less tendency
to blast but it can also be partly a design of the mic housing itself.
I'm no accoustic expert but my guess is that the smaller the diaphram,

the more likely it is that it will have that problem. I have some rather expensive condenser mics (German made) that are terrific mics at a distance but absolutely terrible for close vocal work.

"Nostalgia is a thing of the past"

E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI

CIS: Data / Telecom Aurora University, Aurora, IL

630-844-4898 Fax 630-844-4222

PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY

From: "Ed Tanton" <n4xy@att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Boatanchors-Tempe" <BOATANCHORS@LISTSERV.TEMPE.GOV>
Subject: After OS loss, need PAINT suppliers
Date: Tue, 25 Apr 2000 20:44:52 -0400
Message-ID: <CKEGICNFDIMCEKEDCEHFCEJBCCAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Besides all my emails and URLs, I also lost my references to BA paint suppliers. There was the successor to R&R; and there was a guy in South Georgia (NOT the DX place, of course) who was supposed to have wrinkle paint and other specialty paint finishes. I would appreciate any help you folks can provide.

73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)

website: <http://www.qsl.net/n4xy/>

Message-Id: <200004260110.LAA04547@louis.microbio.usyd.edu.au>
Date: Wed, 26 Apr 2000 11:12:10 +1000
To: Old Tube Radios <boatanchors@theporch.com>
From: "j.foster" <j.foster@microbio.usyd.edu.au>
Subject: Receiver film scale
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings All:

I am after a film scale for the British Military R210 HF receiver (Larkspur series). Would anybody happen to have one?

Yours in hope: J. Foster.

Date: Tue, 25 Apr 2000 22:09:34 -0400
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: RE: What was PE-214 used for?
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200004252209_MC2-A29A-E358@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Lenox,

Battery charging and minor isolated teletype, telephone and similar equipment operation. Its utility was in its relatively light weight. Two men could pick one up and carry it quite a ways. The next larger utility generator was the PE-75, which is a good load for a Jeep. The engine and frame are the same as used in the PE-210 and PE-162 of the same model letter.

>A friend of mine just found a PE-214. This little generator put out 120/240 Volts, 60 cycles at .3 kW. That's not much power. For what was this unit used? That seems like so little power as to not be worth the trouble.<

73,
Robert Downs
WA5CAB
Houston

Message-ID: <39066D12.B1F6EADB@vifp.monash.edu.au>
Date: Wed, 26 Apr 2000 14:14:10 +1000
From: Morris Odell <morriso@vifp.monash.edu.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX28
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Does anyone have a link or a copy of that webpage that showed the dial stringing diagram for the Halli SX28??

And while we're at it, what's a VT-65 (octal metal tube with top cap)

73 de Morris VK3DOC

Message-ID: <005501bfaf44\$aec44b00\$5ff286cd@jcall.sirius.com>
From: "Jim Carrington" <jcall@sirius.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SX28
Date: Tue, 25 Apr 2000 23:00:09 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Morris,

The web site your after I believe is
<http://www.qsl.net/wa2whv/hallicrafters.shtml>

73's
Jim

Carrington

-----Original Message-----

From: Morris Odell <morriso@vifp.monash.edu.au>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Tuesday, April 25, 2000 10:50 PM
Subject: SX28

>Hi all,

>

>Does anyone have a link or a copy of that webpage that showed the dial
>stringing diagram for the Halli SX28??

>

>And while we're at it, what's a VT-65 (octal metal tube with top cap)

>

>73 de Morris VK3DOC

>

>

To: Old Tube Radios <boatanchors@theporch.com>
Date: Wed, 26 Apr 2000 06:43:06 -0700
Subject: Timewarp tube list
Message-ID: <20000426.064322.-50399.1.MNHopkins@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: Michael N HoN Hopkins <mnhopkins@juno.com>

If you weren't there, Frank Jones type diagrams from the '30s can be intimidating. They did grounds differently then and, worse, the tubes have two-digit numbers.

But If Captain Picard leaves you off on Radio Row in 1937 and you have to build a subspace transponder from suboptimal substitutes, try this list as a starting place. It passes the grad school test in that I can cite at least some authority for it: Specifically the '56 RCA tube book and "Metal Tubes," QST, Aug., 1936 p. 18.

Type 42 is approximately a 6K6 and maybe a 6AG7

Type 58 is like 6SK7

Type 75 is type 6SQ7

Some suspects:

A Type 19 is a "High Mu Triode." So is a 6SL7.

A Type 53 is a 6A6 is a "High Mu Triode" as is a 6SL7

A type 30 is a "Medium Mu Triode," which was also, later, the description for a 6SN7, which is a kinder, gentler, 6SL7.

The whole subject of dual triodes of the Type 19, 6SL7, 6SN7 stripe needs more study, but I'll bet the 6SN7 turns out to be the best all around substitute for OT tubes.

Modern miniature equivalents are left to the problem set.

BTW, if you lean to the pair of 802s with the copper pipe plate tank on page 15 of the same August, 1936 QST with the Metal Tubes list, compare an 802's capacitances with an 807's.

"It just might work, Captain."

ab5L -- Michael N. Hopkins MNHopkins@JUNO.com
Box 226841, Dallas, TX 75222
Archiving receive converters and the Golden Age of 6M --1956-58.

Message-ID: <3906F420.EC6AADE3@lobo.net>

Date: Wed, 26 Apr 2000 06:50:29 -0700
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Air duct cleaning
Content-Type: multipart/alternative;
boundary="-----FA997093A1A824F88840B77E"

-----FA997093A1A824F88840B77E
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Will the person who recently posted the message on air duct cleaning
please contact me.

Thanks,
Herb Rosenthal W5AN
herbrose@lobo.net

-----FA997093A1A824F88840B77E
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----FA997093A1A824F88840B77E--

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Wed, 26 Apr 2000 09:15:33 -0500
Subject: Re: Timewarp tube list
Message-ID: <20000426.091546.-648905.1.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: JACK IVERSON <jackiv@juno.com>

Sorry to comment, but I have built the stuff and tubes are funny critters.
there are many exact equivalents for the old 2 and 3 number tubes in the bins. old jack

On Wed, 26 Apr 2000 06:43:06 -0700 Michael N HoN Hopkins
<mnhopkins@juno.com> writes:

>
> If you weren't there, Frank Jones type diagrams from the '30s can be
> intimidating. They did grounds differently then and, worse, the
> tubes
> have two-digit numbers.
>
> But If Captain Picard leaves you off on Radio Row in 1937 and you
> have
> to build a subspace transponder from suboptimal substitutes, try this
> list
> as a starting place. It passes the grad school test in that I can
> cite
> at least some authority for it: Specifically the '56 RCA tube book
> and
> "Metal Tubes," QST, Aug., 1936 p. 18.
>
> Type 42 is approximately a 6K6 and maybe a 6AG7 xx 42 Is identical
to a 6F6, 6AG7 see 6CL6
>
> Type 58 is like 6SK7 XX 6D6 or 6K7g
>
> Type 75 is type 6SQ7 XX
>
> Some suspects:
>
> A Type 19 is a "High Mu Triode." So is a 6SL7. XX 19 is a 2 volt
battery tube
>
> A Type 53 is a 6A6 is a "High Mu Triode" as is a 6SL7 XX nope 6N7 goes
to a 6SN7
>
> A type 30 is a "Medium Mu Triode," which was also, later, the
> description
> for a 6SN7, which is a kinder, gentler, 6SL7.
>
> The whole subject of dual triodes of the Type 19, 6SL7, 6SN7 stripe
> needs
> more study, but I'll bet the 6SN7 turns out to be the best all
> around
> substitute for OT tubes.
>

> Modern miniature equivalents are left to the problem set.
>
> BTW, if you lean to the pair of 802s with the copper pipe plate tank
> on
> page 15 of the same August, 1936 QST with the Metal Tubes list,
> compare
> an 802's capacitances with an 807's.
>
> "It just might work, Captain."
>
> ab5L -- Michael N. Hopkins MNHopkins@JUNO.com
> Box 226841, Dallas, TX 75222
> Archiving receive converters and the Golden Age of 6M --1956-58.
>

Message-ID: <21B46CBD022AD1118F0500805F15A06801866D1E@stpmsx05.stp.guidant.com>
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB: Heath Commanche Manual
Date: Wed, 26 Apr 2000 09:39:46 -0500
MIME-Version: 1.0
Content-Type: text/plain

> Hi All,
>
> Want to buy original Heath Commanche mobile receiver manual. Thanks
>
> Scott WA9WFA

End of BOATANCHORS Digest 2878
